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Post-Sabbatical Report, Spring 2020

As required by our contract, this is a report of what I accomplished on my sabbatical in fall semester of 2019. When I proposed to take leave in spring of 2019, I listed two goals for what I hoped to do on my sabbatical. These included:

1. Complete data compiling and coding on a large-scale genetics project

Done! To illustrate the scope of this project, compiling and analyzing the data here took two weeks to run, nonstop, on the desktop computer I have at home.

We also have one publication based on these analyses, and one other that is still under review—see below.

2. Produce four manuscripts (by spring 2020) that are either published on under review

Done! Please note that the work required to produce these papers occurred primarily during my sabbatical, but I also worked on these projects before in the summer of 2019, and after in the winter of 2020. The articles resulting from work done primarily while on sabbatical include:

Racial and ethnic group differences in the heritability of intelligence: A systematic review and meta-analysis. (2020). BJ Pesta, EOW Kirkegaard, J te Nijenhuis, J Lasker, JGR Fuerst. *Intelligence* 78, 101408.

Global ancestry and cognitive ability. J Lasker, BJ Pesta, JGR Fuerst, EOW Kirkegaard *Psych* 1 (2019), 431-459.

Intelligence-associated Polygenic Scores Predict g, Independent of Ancestry, SES, and Phenotype among East Coast Hispanic and European Americans. (Under Review). B Pesta, J Fuerst, R Warne, D Piffer, EO Kirkegaard. *Intelligence*

County-level USA: No Robust Relationship between Geoclimatic Variables and Intelligence. B Pesta, J. Fuerst, EO Kirkegaard. (Under Second Review). *Intelligence.*

I note that three of these (assuming those under review get accepted) appear in the leading journal in my subdiscipline—*Intelligence*. Moreover, the meta-analysis is currently the third-most downloaded paper at Intelligence, and the paper in *Psych* has been downloaded 11,204 times to date.

If you require any additional information, please let me know,

Bryan J. Pesta